Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-C1 Date: 29-03-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

PHYSICAL TESTS ON CEMENT

Brand : ZUARI
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**151 min**	Shall not be less than 30 min
2	Final setting time	**272 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.88 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.56 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.67 N/Sq mm**	Shall not be less than 27 N/Sqmm

KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

2

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-PCC1 Date: 29-03-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	62.37	0 -20	30- 70
10mm	25.55	0 -5	10- 35
4.75mm	2.72	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	96.33	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	83.56	60-95	75-100	85-100	
01.18	64.26	30-70	55-90	75-100	
600.mic	48.23	15-34	35-59	60-79	
300.mic	23.76	5-20	8-30	12-40	
150.mic	8.45	0-10	0-10	0-10	

K...R
KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-C2 Date: 31-03-2018

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

PHYSICAL TESTS ON CEMENT

Brand : ZUARI
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**154 min**	Shall not be less than 30 min
2	Final setting time	**273 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.78 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.56 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**29.43 N/Sq mm**	Shall not be less than 27 N/Sqmm

AE

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

4

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-PCC2 Date: 31-03-2018

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**100.00**	85-100	90 – 100
20mm	**62.43**	0 -20	30- 70
10mm	**23.95**	0 -5	10- 35
4.75mm	**2.73**	-----	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**95.56**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.67**	60-95	75-100	85-100	
01.18	**64.56**	30-70	55-90	75-100	
600.mic	**50.16**	15-34	35-59	60-79	
300.mic	**22.87**	5-20	8-30	12-40	
150.mic	**6.45**	0-10	0-10	0-10	

KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-SSM1

Date: 02-04-2018

1. TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.
{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).
Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1410.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.42 %**	Not more than 2.0 %

KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-SSM2

Date: 05-04-2018

1. TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1386.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.39 %**	Not more than 2.0 %

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB1 Date: 14-04-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	07-04-18	14-04-18	07	22500	380	16.89	17.11
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	390	17.33	

KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB2 Date: 16-04-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	09-04-18	16-04-18	07	22500	370	16.44	**16.22**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	360	16.00	

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NZ/QC/YPD/T&F-W3/2018-19/P2-CB3 Date: 17-04-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-04-18	17-04-18	07	22500	370	16.44	**16.89**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	390	17.33	

AE

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB4 Date: 19-04-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-04-18	19-04-18	07	22500	385	17.11	**16.96**
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	395	17.56	

K...R

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

11

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB1A

Date: 05-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	07-04-18	05-05-18	28	22500	525	23.33	**23.11**
	002	"	"	"	"	520	23.11	
	003	"	"	"	"	515	22.89	

K.R
KIRAN. R
M.E, (Civil-Engg)

AE-

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB2A

Date: 07-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	09-04-18	07-05-18	28	22500	520	23.11	**22.89**
	002	"	"	"	"	510	22.67	
	003	"	"	"	"	515	22.89	

KIRAN. R
M.E, (Civil-Engg)

AE-1

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-CB3A **Date: 08-05-2018**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	10-04-18	08-05-18	28	22500	540	24.00	**23.63**
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	525	23.33	

AE

KIRAN. R
M.E, (Civil-Engg.

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

Newzen Consultants Bangalore.

NZ/QC/YPD/T&F-W3/2018-19/P2-CB4A Date: 10-05-2018

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-04-18	10-05-18	28	22500	515	22.89	**22.89**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	505	22.44	

K...R
KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

Newzen Consultants Bangalore

NZ/QC/YPD/T&F-W3/2018-19/P2-G1 **Date: 05-04-2018**

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Package-2 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Project Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Naveen Rao N (M/s Nischal Constructions).

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
26.50	**97.56**	70-100
9.50	**73.45**	50-80
4.75	**57.23**	40-65
2.36	**46.88**	30-50
0.425	**12.76**	10-15
0.075	**2.98**	<5

KIRAN. R
M.E, (Civil-Engg)

AE

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com